

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In regard to the application of: Gavriel J. IDDAN et al.

Serial No : US Nat'l Phase of PCT/IL98/00476      Group Art Unit: To be assigned

Filed : Herewith      Examiner: To be assigned

For : DISTANCE MEASUREMENT WITH A CAMERA

**INFORMATION DISCLOSURE STATEMENT**

Hon. Commissioner of Patents and Trademarks

Washington, DC 20231

Sir:

Applicants respectfully direct the attention of the Examiner to art cited with respect to PCT/IL98/00476 of which the current application is a US national application under 35 USC section 371.

The Examiner is respectfully requested to review and consider this art, in accordance with MPEP 2001.06, MPEP 1893.03(e) and MPEP 1893.03(g) and to indicate in the first office action that he has considered this art. Additionally, the Examiner is respectfully requested to cite those prior art publications mentioned in this application which the Examiner considers to be material or relevant to the present claims.

Further, in order to comply with discretionary regulations 37 CFR 1.97 and 1.98, attached is Form PTO-1449 listing the cited art. Also attached are copies<sup>1</sup> of the art. This art contains information which the Examiner may consider to be important in deciding whether to allow the present application to issue as a patent. Items 1,2 and 8 were cited on the PCT International Search Report. Copies of these items are not attached as they are available in the national stage file.

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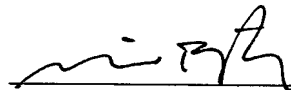
<sup>1</sup> To the extent that a document is listed and no copy of same is attached, then such document is not at the present time available to the undersigned or is available in the national stage file. If a listed document is not in the English language and an English translation is readily available, such translation is also attached; if translation is not attached, it is not readily available to the undersigned. If a foreign language patent document is cited, and an English language equivalent is known to the undersigned, then such an equivalent patent is also cited on the attached form along with the corresponding foreign language patent and a connecting arrow indicated therebetween; if no such English language equivalent is cited then none is known to the undersigned.

In accordance with MPEP Sections 609 it is requested that each document cited (including any mentioned in Applicant's specification which is not repeated on the attached PTO-1449 form) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing on the PTO-1449 form, so that it will appear on the face of the patent issuing on the present application, even if the Examiner does not consider it sufficiently pertinent to use in a rejection, or otherwise does not believe that the guidelines for citation have been fully complied with.

The present Information Disclosure Statement is being submitted in compliance with 37 CFR 1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37CFR 1.104(a), and in the course of such search will review for relevance every document cited on the attached form.

Early and favorable consideration is earnestly solicited.

Respectfully submitted,  
Gavriel J. IDDAN et al.



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March 25, 2001

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**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

ATTY DOCKET NO.  
001/02093

SERIAL NO.  
US Nat'l of PCT/IL98/00476

Gavriel J. IDDAN, et al.

09/806252

FILING

Herewith

GROUP

To be assigned

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1	5,329,312	12 Jul '94	BOISVERT, D. M. et al.			
	2	5,488,415	30 Jan '96	UNO, M.			
	3	5,081,530	14 Jan '92	MEDINA, A.			
	4	4,935,616	19 Jun '90	SCOTT, M. W.			
	5	5,345,266	6 Sep '94	DENYER, P. B.			
	6	4,689,487	25 Aug '87	NISHIKI, M. et al.			
	7	5,574,765	12 Nov '96	HASSLER, D. et al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	8	WO 97/28558	7 Aug '97	PCT				
	9	WO 97/01111	9 Jan '97	PCT				
	10	WO 97/01112	9 Jan '97	PCT				
	11	WO 97/01113	9 Jan '97	PCT				
	12	WO 99/40478	12 Aug '99	PCT				

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

	13	CHRISTIE, S. et al.; "Design and Development of a Multi-Detecting Two-Dimensional Ranging Sensor"; Measurement Science and Technology; Vol. 6; pp. 1301-1308;1995
	14	YATES, G. J. et al.; "Range-Gated Imaging for Near Field Target Identification"; SPIE; Vol. 2869; pp. 374-385

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

001/02093

Application Number

US Nat'l of PCT/IL98/00476

Applicant(s)

Gavriel J. IDDAN, et al.

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Filing Date

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Group Art Unit

Not yet assigned

\*EXAMINER  
INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

15

DENYER, P.; "Design and Use of Passive and Active Pixel CMOS Cameras"; SSCTC Workshop on CMOS Imaging Technology; pp. 1-18; February 7, 1996

16

VIETZ, O. et al.; "Image Sensing with Programmable Offset Pixels for Increased Dynamic Range of more than 150 dB"; SPIE; Vol. 2654; pp. 93-98

17

HEANUE, J. A. et al.; "CMOS Detector Readout Electronics for an Emission-Transmission Medical Imaging System"; IEEE Transactions on Nuclear Science; Vol. 42, No. 4; pp. 1133-1138; August 1995

18

SCHWARTE, R. et al.; "A New Electrooptical Mixing and Correlating Sensor: Facilities and Applications of the Photonic Mixer Device (PMD)"; SPIE; Vol. 3100; pp. 245-253

19

DECKER, S. et al.; "FPN Reduction Techniques in CMOS Imaging Arrays"; SSCTC Workshop on CMOS Imaging Technology; February 7, 1996

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